

Columbia County Building Permit Application 2807135.00  
Revised 9-23-04

For Office Use Only Application # 0805-96 Date Received 3/21 By TV Permit # 24320  
Application Approved by - Zoning Official BK Date 3/30/06 Plans Examiner OK JTH Date 3-21-06  
Flood Zone N/A Development Permit \_\_\_\_\_ Zoning A-3 Land Use Plan Map Category A-3  
Comments \_\_\_\_\_

refer to Pool Permit # 24132

Applicants Name Robert McIntosh Phone 386-754-8678  
Address 289 NW Corinth Dr Lake City FL 32055  
Owners Name Bishop, Kenneth & Martha Phone \_\_\_\_\_  
911 Address 280 SE Rolling Hills Dr Lake City FL 32025  
Contractors Name Michael A. Delahoy Phone 386-754-8678  
Address 289 NW Corinth Dr, Lake City FL 32055  
Fee Simple Owner Name & Address N/A  
Bonding Co. Name & Address N/A  
Architect/Engineer Name & Address Gordon Sheppardson 1025 S. Semoran Blvd Winter Park FL  
Mortgage Lenders Name & Address N/A

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
Property ID Number 02-63-17-09553-058H Estimated Cost of Construction \$602600  
Subdivision Name Rolling Hills Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions S US 441 before I-75 turn Left on SE SR 238 Right on SE October Rd, Left on Rolling Hills Dr, 2nd House on Right  
Type of Construction Screened Pool Enclosure Number of Existing Dwellings on Property 1  
Total Acreage 1.750 Lot Size 3821 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
Actual Distance of Structure from Property Lines - Front refer to Pool Permit # 24132 Side \_\_\_\_\_ Side 24132 Rear \_\_\_\_\_  
Total Building Height \_\_\_\_\_ Number of Stories \_\_\_\_\_ Heated Floor Area \_\_\_\_\_ Roof Pitch \_\_\_\_\_

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Robert McIntosh  
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
this 15<sup>th</sup> day of Feb 2006.  
Personally known ✓ or Produced Identification \_\_\_\_\_

Michael A. Delahoy  
Contractor Signature  
Contractors License Number SEC056689  
Competency Card Number \_\_\_\_\_  
NOTARY STAMP/SEAL

Nadean G.S. McIntosh  
Commission # DD371494  
Expires November 14, 2008

Nadean G.S. McIntosh  
Notary Signature

# Columbia County Property Appraiser

DB Last Updated: 2/10/2006

## 2006 Proposed Values

Parcel: 02-6S-17-09553-058 HX

Tax Record

Property Card

Interactive GIS Map

Print

### Owner & Property Info

Search Result: 1 of 1

<b>Owner's Name</b>	BISHOP KENNETH J & MARTHA F
<b>Site Address</b>	ROLLING HILLS
<b>Mailing Address</b>	280 SE ROLLING HILLS DR LAKE CITY, FL 32025
<b>Brief Legal</b>	COMM NE COR OF SW1/4, RUN S 210 FT FOR POB, CONT S 210 FT, W 363.45 FT, N 210 FT TO C/L

<b>Use Desc. (code)</b>	MOBILE HOM (000200)
<b>Neighborhood</b>	2617.02
<b>Tax District</b>	3
<b>UD Codes</b>	MKTA02
<b>Market Area</b>	02
<b>Total Land Area</b>	1.750 ACRES

### Property & Assessment Values

<b>Mkt Land Value</b>	cnt: (3)	\$23,750.00
<b>Ag Land Value</b>	cnt: (0)	\$0.00
<b>Building Value</b>	cnt: (1)	\$75,871.00
<b>XFOB Value</b>	cnt: (5)	\$8,832.00
<b>Total Appraised Value</b>		\$108,453.00

<b>Just Value</b>	\$108,453.00
<b>Class Value</b>	\$0.00
<b>Assessed Value</b>	\$84,785.00
<b>Exempt Value</b>	(code: HX) \$25,000.00
<b>Total Taxable Value</b>	\$59,785.00

### Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
1/15/1996	816/348	WD	I	Q		\$20,000.00

### Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
2	SFR MANUF (000200)	2000	Vinyl Side (31)	2028	2028	\$75,871.00
<b>Note:</b> All S.F. calculations are based on exterior building dimensions.						

### Extra Features & Out Buildings

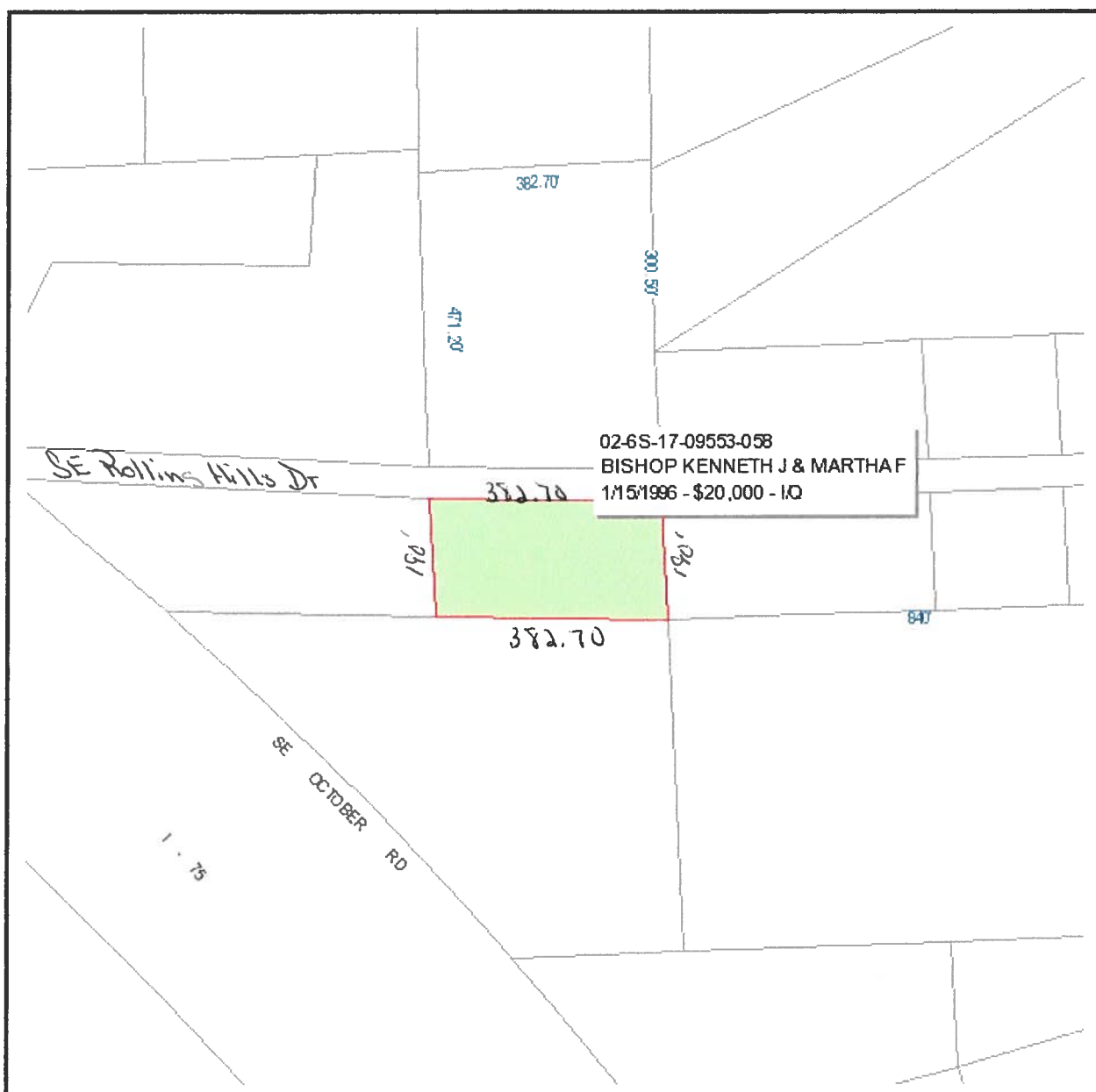
Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0190	FPLC PF	1999	\$1,500.00	1.000	0 x 0 x 0	(.00)
0255	MBL HOME S	2004	\$1,152.00	1152.000	24 x 48 x 0	(.00)
0070	CARPORT UF	2005	\$1,080.00	360.000	18 x 20 x 0	(.00)
0296	SHED METAL	2005	\$200.00	1.000	0 x 0 x 0	(.00)
0120	CLFENCE 4	2005	\$4,900.00	1.000	0 x 0 x 0	(.00)

### Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000200	MBL HM (MKT)	1.750 AC	1.00/1.00/1.00/1.00	\$12,000.00	\$21,000.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00
009947	SEPTIC (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$750.00	\$750.00

Columbia County Property Appraiser

DB Last Updated: 2/10/2006



## Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

**PARCEL: 02-6S-17-09553-058 HX - MOBILE HOM (000200)**

COMM NE COR OF SW1/4, RUN S 210 FT FOR POB, CONT S 210 FT, W 363.45 FT,  
N 210 FT TO C/L

Name: BISHOP KENNETH J & MARTHA F

Site: ROLLING HILLS

Mail: 280 SE ROLLING HILLS DR  
LAKE CITY, FL 32025

Sales Info: 1/15/1996 \$20,000.001 / Q

LandVal \$23,750.00

BldgVal \$75,871.00

ApprVal \$108,453.00

JustVal \$108,453.00

Assd \$84,785.00

Exmpt \$25,000.00

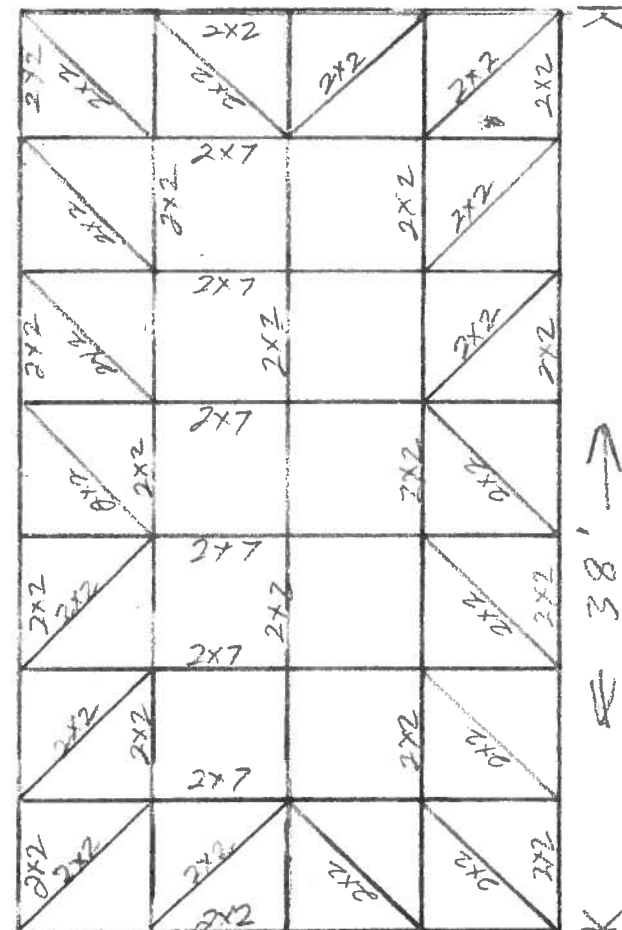
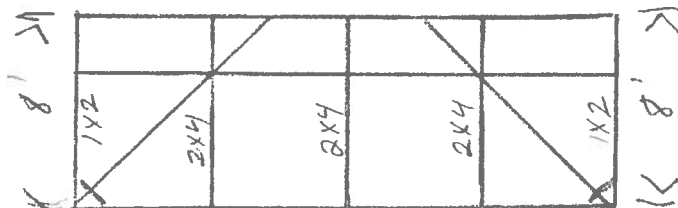
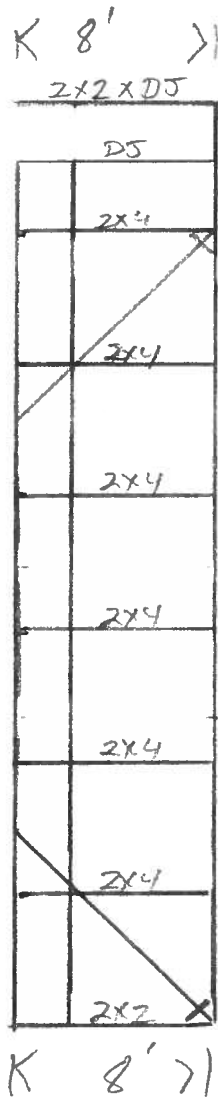
Taxable \$59,785.00

0 100 200 300 ft

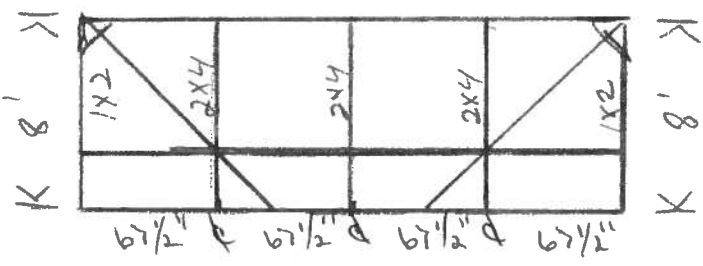
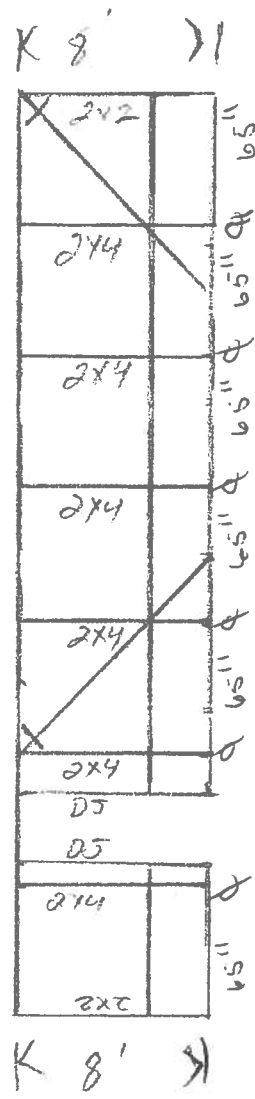


This information, GIS Map Updated: 2/10/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Bishop



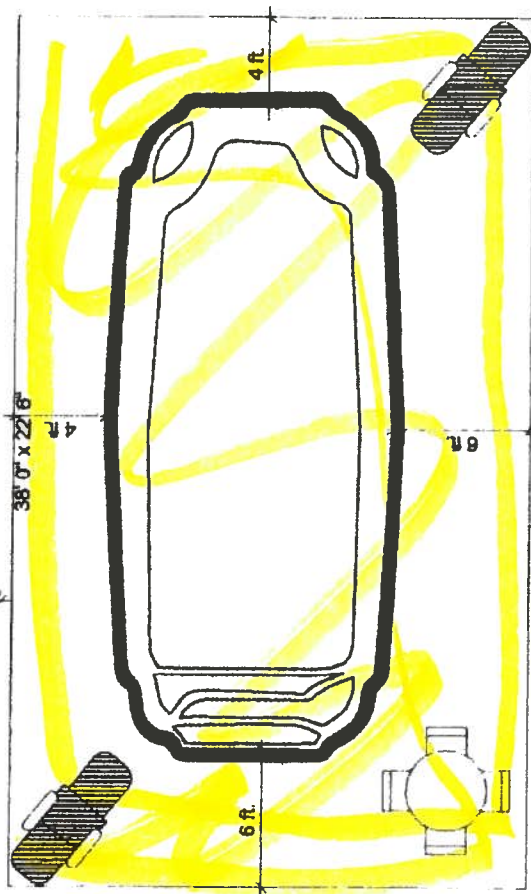
Hipped Gable



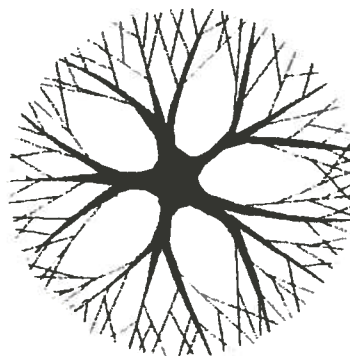
25x04

Property line

25'

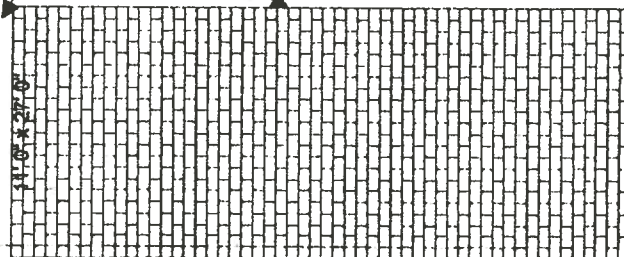


Property line



Power Pole

Existing M/H



Job Specifications	
Pool Area	0
Pool Perimeter	0
Shallow Depth	0
Deep Depth	0
Spa Area	0
Spa Perimeter	0
Face Tile	0
Coping	0
Deck Area	0
Deck Perimeter	0
Patio Area	0
Patio Perimeter	0
Pool to Equip	0
Spa to Equip	0

Advantage Pools  
757 SW SR 247 Suite 101  
Lake City FL 32025

Phone: 386-758-7522

Fax: 386-758-6932

Designed by:  
Ray Lussier

Accepted  
by:

# FLILINE INC.

A civil engineering firm  
1025 South Semoran Boulevard  
Suite 1093  
Winter Park FL 32792  
(407) 679-7500  
Fax (407) 679-9188

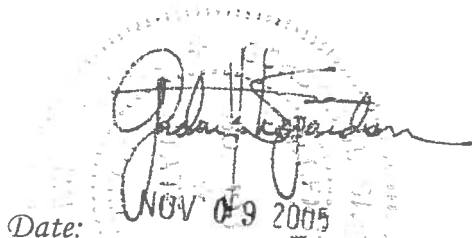
## Authorization Letter to use Aluminum Design Manual Master-file

Authorization for: Florida Pool Enclosures, Inc.  
289 Northwest Corinth Drive  
Lake City, FL 32055

Building Official,

The above referenced contractor is hereby authorized to use our Aluminum Design Manual as a master-file to obtain all permits in your jurisdiction for the time period of October 1<sup>st</sup>, 2005 thru September 30, 2006. If this authorization is to be revoked prior to the ending date indicated we will notify you in writing via mail or facsimile. Any indication of the alteration of this document will void the authorization. Gordon H. Shepardson's, the engineer of record, signature and raised seal is required on this letter to validate the authorization. Thank you for your cooperation.

Signed:

  
Date: NOV 09 2005

Gordon H. Shepardson, P.E. 19333



**A civil engineering firm**  
**1025 South Semoran Boulevard**  
**Suite 1093**  
**Winter Park FL 32792**  
**(407) 679-7500**  
**Fax (407) 679-9188**

This index sheet specifies the master-file pages that can apply for the appropriate type of structure. Typical and Detail sheets and tables indicated are suggested for the type of structure, but do not need to apply in total. The appropriate typical and detail sheets and tables shall be marked as they apply. The listed pages are the only pages that need to be attached per type of structure. Index sheets should be attached with our engineering pages for issuance of a permit. Any signs of alteration shall void this index sheet. Unauthorized typical and detail sheets or span tables cannot be used in conjunction with our engineering designs.

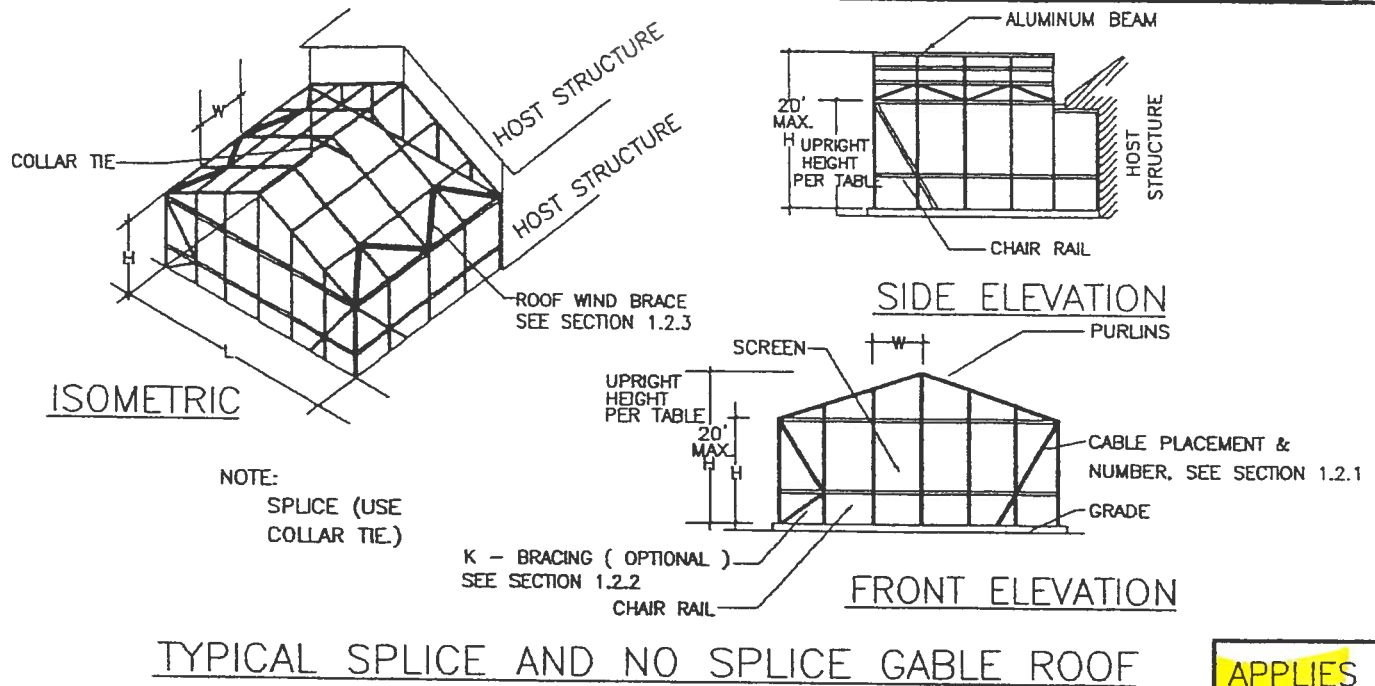
Dome Screen enclosure	Mansard Screen enclosure	Splice gable & No splice gable Screen enclosure	Flat Screen enclosure	Composite roof with Screen enclosure	Pan roof with Screen enclosure
1.1.1	1.1.2	1.1.3	1.1.4	2.2.1	3.2.1
1.2.1	1.2.1	1.2.1	1.2.1	2.2.2	3.2.2
1.2.2	1.2.2	1.2.2	1.2.2	2.2.3	3.2.3
1.2.3	1.2.3	1.2.3	1.2.3	1.2.10	1.2.10
1.2.4	1.2.4	1.2.4	1.2.4	1.2.11	1.2.11
1.2.5	1.2.5	1.2.5	1.2.5		
1.2.6	1.2.6	1.2.6	1.2.6		
1.2.7	1.2.7	1.2.7	1.2.7		
1.2.10	1.2.9	1.2.8	1.2.10		
1.2.11	1.2.10	1.2.10	1.2.11		
	1.2.11	1.2.11			
Exposure B tables	Exposure B tables	Exposure B tables	Exposure B tables	Exposure B tables	Exposure B tables
100mph/1.3.2.100B	100mph/1.3.2.100B	100mph/1.3.2.100B	100mph/1.3.2.100B	2.3.1	3.3.1
110mph/1.3.2.110B	110mph/1.3.2.110B	110mph/1.3.2.110B	110mph/1.3.2.110B		
120mph/1.3.2.120B	120mph/1.3.2.120B	120mph/1.3.2.120B	120mph/1.3.2.120B		
130mph/1.3.2.130B	130mph/1.3.2.130B	130mph/1.3.2.130B	130mph/1.3.2.130B		
140mph/1.3.2.140B	140mph/1.3.2.140B	140mph/1.3.2.140B	140mph/1.3.2.140B		
150mph/1.3.2.150B	150mph/1.3.2.150B	150mph/1.3.2.150B	150mph/1.3.2.150B		
Exposure C tables	Exposure C tables	Exposure C tables	Exposure C tables	Exposure C tables	Exposure C tables
100mph/1.3.2.100C	100mph/1.3.2.100C	100mph/1.3.2.100C	100mph/1.3.2.100C	2.3.1	
110mph/1.3.2.110C	110mph/1.3.2.110C	110mph/1.3.2.110C	110mph/1.3.2.110C		
120mph/1.3.2.120C	120mph/1.3.2.120C	120mph/1.3.2.120C	120mph/1.3.2.120C		
130mph/1.3.2.130C	130mph/1.3.2.130C	130mph/1.3.2.130C	130mph/1.3.2.130C		
140mph/1.3.2.140C	140mph/1.3.2.140C	140mph/1.3.2.140C	140mph/1.3.2.140C		
150mph/1.3.2.150C	150mph/1.3.2.150C	150mph/1.3.2.150C	150mph/1.3.2.150C		

Gordon H. Shepardson, R.E., 19333

## SECTION 1.1.3

SPLICE  
GABLE

## SCREEN ENCLOSURES

REVISIONS  
02/15/05

## (STANDARDS)

- 1) DESIGN CONFORMS TO THE FLORIDA BUILDING CODE 2004 AS AMENDED & THE FLORIDA BUILDING CODE RESIDENTIAL AS AMENDED & ASCE 7-98 FOR WIND LOAD ON THE ATTACHED TABLES.
- 2) ALL SCREEN ENCLOSURES GREATER THAN 20'-0" MAX. HEIGHT OR GREATER THAN 40'-0" PROJECTION FROM THE HOST STRUCTURE (REGARDLESS OF DIRECTION OF BEAM SPAN) OR WITH A BEAM SPAN GREATER THAN 40'-0", WILL REQUIRE SITE SPECIFIC SIGNED AND SEALED ENGINEERING PLANS AND SIGNED AND SEALED LAYOUT DRAWINGS.
- 3) STRUCTURAL DETAIL DRAWING SHALL RELATE TO 6063-T6, 6061-T5, OR 6061-T6 ALUMINUM EXTRUSIONS WITH AN ACTUAL WALL THICKNESS OF NOT LESS THAN 0.040.
- 4) ALUMINUM SURFACES IN CONTACT WITH LIME-MORTAR, CONCRETE OR OTHER MASONRY MATERIALS, SHALL BE PROTECTED WITH ALKALI-RESISTANT COATINGS SUCH AS HEAVY-BODIED BITUMINOUS PAINT OR WATER - WHITE METHACRYLATE LACQUER.
- 5) ALUMINUM IN CONTACT WITH WOOD OR OTHER ABSORBING MATERIALS WHICH MAY BECOME REPEATEDLY WET SHALL BE PAINTED WITH TWO COATS OF ALUMINUM METAL AND MASONRY PAINT, OR HEAVY-BODIED BITUMINOUS PAINT, OR THE WOOD OR ABSORBING MATERIAL SHALL BE PAINTED WITH TWO COATS OF ALUMINUM HOUSE PAINT AND THE JOINTS SEALED WITH HIGH QUALITY CAULKING COMPOUND.
- 6) ALL FASTENERS WILL BE 24" C-C MAX. UNLESS OTHERWISE NOTED. SCREWS SHALL BE COATED WEATHER SEALED.
- 7) NO OPEN AREA BETWEEN ALUMINUM SHALL EXCEED 56 S.F.
- 8) ALL SCREEN ENCLOSURE DOORS SHALL BE SELF LATCHING AND CLOSING AND MAY BE LOCATED INTO ANY SCREEN PANEL OPENING.
- 9) DISTANCE BETWEEN PURLINS SHALL NOT EXCEED 84 INCHES CENTER TO CENTER.
- 10) ALL PURLINS AND CHAIR RAILS WILL BE ATTACHED WITH MIN. OF 3 SCREWS INTO SCREW BOSS EACH SIDE. SEE SECTION 1.2.3 FOR PURLIN AND CHAIR RAIL SCHEDULE.
- 11) ENCLOSURE MUST BE GROUNDED AND BONDED IN ACCORDANCE WITH N.E.C.
- 12) NO UNAPPROVED APPENDICES OR ACCESSORIES MAY BE ATTACHED TO ANY ALUMINUM MEMBERS WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- 13) WHEN 6061-T5 OR 6061-T6 ALUMINUM ALLOY IS USED IN A STRUCTURE FOR UPRIGHTS, BEAMS, KNEE BRACES, WIND BRACES, AND K-BRACES, 6063-T6 ALUMINUM ALLOY MAY BE USED FOR PURLINS, CHAIR RAILS, TOP PLATES, AND BOTTOM PLATES.
- 14) THIS IS AN OPEN ALUMINUM FRAMED STRUCTURE WITH SCREEN (MAX MESH OF 20/20) ROOF AND WALLS. IT HAS AN IMPORTANCE FACTOR (Iw) OF 0.77. DESIGN LOADS ARE BASED ON TABLE 2002.4 OF 2004 FLORIDA BUILDING CODE FOR A MEAN HEIGHT UP TO 30 FT.

APPLIES

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FILLINE INC.

1025 S. SEMORAN BLVD.  
SUITE 1093  
WINTER PARK FL 32792  
TEL (407) 679-7500  
FAX (407) 679-9188  
E-MAIL

GORDON H. SHEPARDSON  
FLORIDA ENGINEER - 19333  
SEP 21 2005

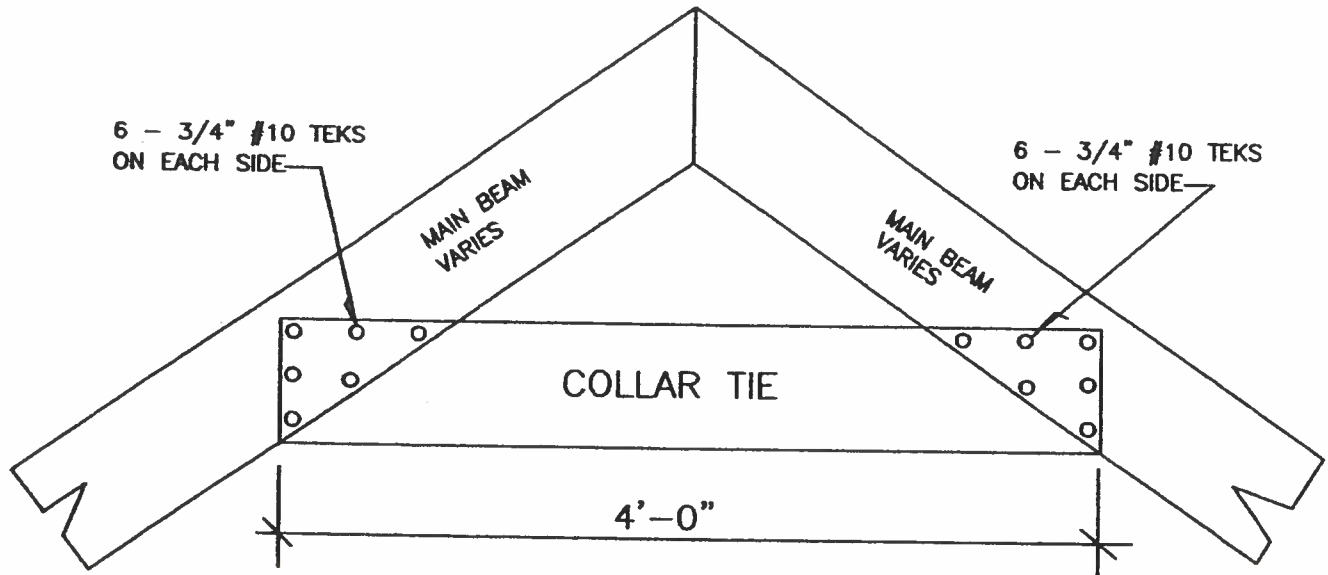


SECTION 1.2.8

DETAILS

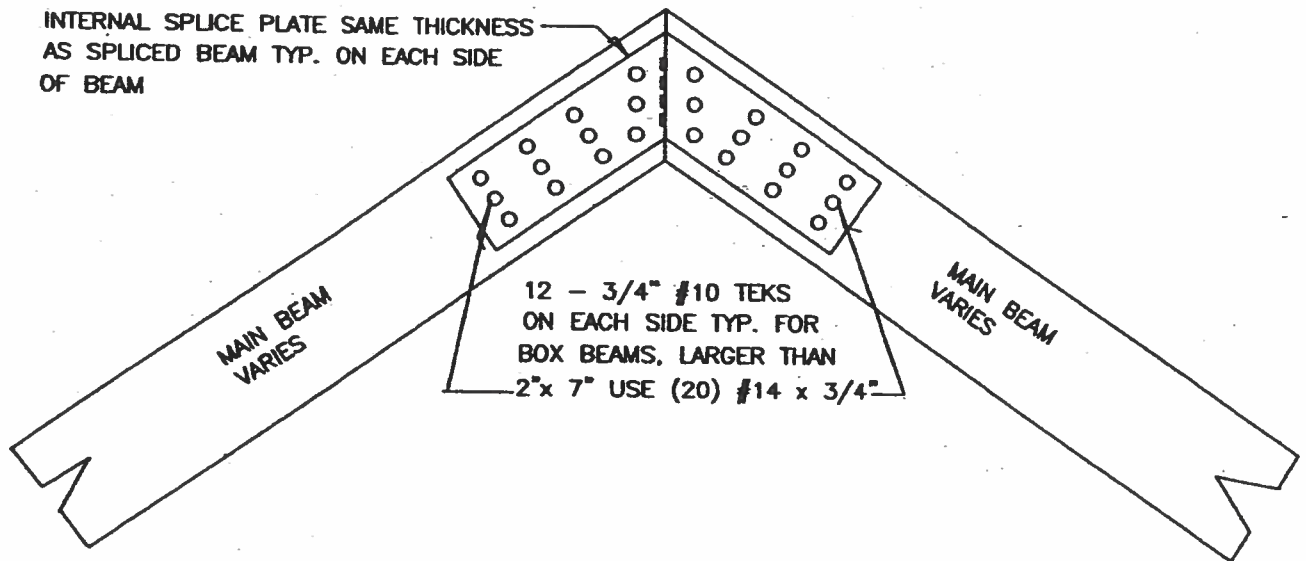
SCREEN ENCLOSURES

REVISIONS  
02/15/05



TYPICAL SPLICE GABLE COLLAR TIE

APPLIES



TYPICAL SPLICE GABLE SPLICE PLATE

APPLIES

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E-MAIL

FEB 15 2005

GORDON H. SHEPARDSON P.E.  
FLORIDA P.E. #0330

## SECTION 1.2.4

## DETAILS

## SCREEN ENCLOSURES

REVISIONS  
02/15/05

		BEAMS						
		2x4	2x5	2x6	2x7	2x8	2x9	
UPRIGHT	2x4	8	10	10	14	X	X	X
	2x5	10	10	14	16	16	X	X
	2x6	10	14	16	16	18	18	X
	2x7	14	16	16	18	18	20	X
	2x8	16	16	18	18	20	22	22
	2x9	16	18	18	20	22	22	24
	2x10	18	18	20	22	22	24	24

#10 TEK SCREWS EACH SIDE OF BEAM  
X- NO CONNECTION ALLOWED

## NOTE:

SCREW PATTERN-1"  
CLEARANCE ON ALL 4 SIDES  
OF THE GUSSET PLATE OR  
BEAM OVERLAP.  
SCREWS ARE TO BE EQUALLY  
SPACED FROM TOP TO BOTTOM  
AND SIDE-TO-SIDE. SCREWS  
MUST BE WEATHER SEALED.

## NOTE:

GUSSET PLATE THICKNESS WILL  
BE EQUAL TO OR LARGER THAN  
LARGEST BEAM OR UPRIGHT USED.

		BEAMS						
		2x4	2x5	2x6	2x7	2x8	2x9	2x10
UPRIGHT	2x4	4	4	6	8	X	X	X
	2x5	4	4	8	8	10	X	X
	2x6	6	8	8	10	12	12	X
	2x7	8	8	10	12	12	14	X
	2x8	8	10	12	12	14	14	14
	2x9	10	12	12	14	14	16	16
	2x10	10	12	14	14	14	16	18

#14 TEK SCREWS EACH SIDE OF BEAM  
X- NO CONNECTION ALLOWED

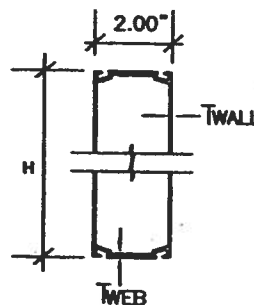
HOMEOWNER MAINTENANCE RESPONSIBILITY:  
FASTENERS SHOULD BE CHECKED PERIODICALLY FOR DETERIORATION.  
IF DETERIORATION IS DETECTED CONTACT A QUALIFIED SERVICE COMPANY.

## BEAM OVERLAP OR GUSSET PLATE CONNECTION

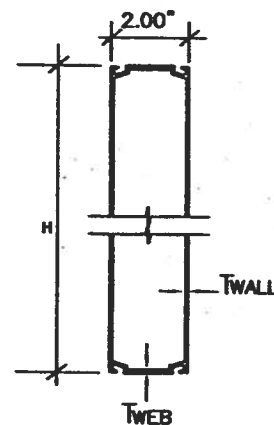
APPLIES

ALUMINUM			
PHYSICAL PROPERTIES			
2xH	TWALL	TWEB	SECTION MODULUS (IN <sup>3</sup> )
2x4	0.046	0.100	0.935
2x5	0.050	0.116	1.380
2x6	0.050	0.120	1.920
2x7	0.055	0.220	2.375
2x8	0.072	0.224	4.080
2x9	0.082	0.306	5.910
2x10	0.092	0.389	8.531

HOLLOW BEAM TABLE



SNAP EXTRUSION

SELF MATING  
BEAM

## ALUMINUM PHYSICAL PROPERTIES

APPLIES

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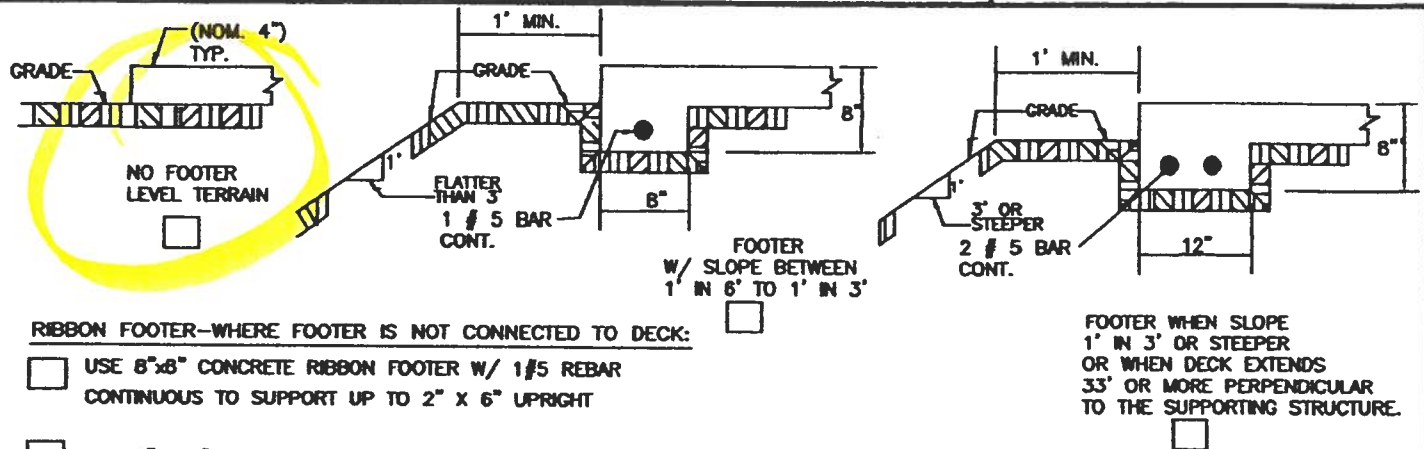
FEB 15 2005

GORDON H SHEPARDSON P.E.  
FLORIDA P.E. 10333

## SECTION 1.2.10

## DETAILS

## SCREEN ENCLOSURES

REVISIONS  
02/15/05

RIBBON FOOTER—WHERE FOOTER IS NOT CONNECTED TO DECK:

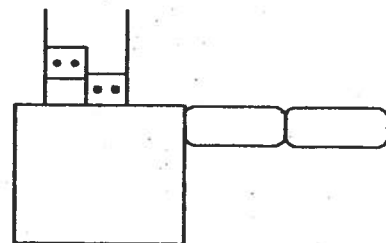
☐ USE 8"x8" CONCRETE RIBBON FOOTER W/ 1#5 REBAR  
CONTINUOUS TO SUPPORT UP TO 2" X 6" UPRIGHT

☐ USE 8"x 12" CONCRETE RIBBON FOOTER W/ 2 # 5 REBARS CONTINUOUS  
TO SUPPORT UPRIGHTS LARGER THAN 2" X 6"

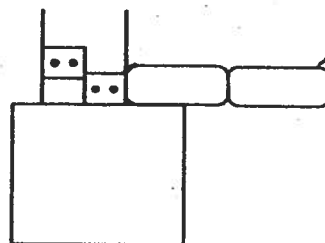
- 1) FOOTER SHALL BEAR ON ROCK, CLEAN SAND, OR STRUCTURALLY SOUND SOIL (>1500 PSI:) THAT SHALL BE COMPACTED TO PROVIDE OPTIMUM BEARING CAPACITY TO PREVENT SETTLING.
- 2) CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 2,500 PSI W/ FIBER MESH OR 6x6-10x10 W W MESH.
- 3) 3 - #3 BARS IS EQUIVALENT TO 1 #5 BARS.

## TYPICAL SCREEN DECK FOOTER DETAIL

APPLIES



ALTERNATE 1



ALTERNATE 2

PAVERS SHOULD BE INSTALLED AFTER  
COMPLETION OF SCREEN ENCLOSURES

## NOTE:

SEE TYPICAL SCREEN DECK FOOTER DETAIL  
FOR FOOTER DETAILS AND SIZING.

## RIBBON FOOTERS FOR BRICK PAVERS

APPLIES

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1025 S. SEMORAN BLVD.  
SUITE 1093  
WINTER PARK FL 32792  
TEL (407) 679-7500  
FAX (407) 679-9188  
E-MAIL

FEB 15 2005

GORDON H. SHEPARDSON P.E.  
FLORIDA P.E. 12333

## SECTION 1.2.1

## DETAILS

## SCREEN ENCLOSURES

REVISIONS  
02/15/05FRONT WALL--1/8" STAINLESS STEEL CABLE

2 CABLE FOR EVERY 200 SQ. FT.

NOTE: ALL WALLS OVER 15" HIGH MUST HAVE 1/2 OR MORE OF THE CABLES AT THE TOP OF THE WALL ABOVE THE TOP CHAIR RAIL

CABLE CORNER  
PLATE 1/8" ALUM.  
W/ 8 # 10 TEKSCABLE BRACING CAN BE USED  
IN PLACE OF K-BRACINGTENSIONINGS  
EYEBOLTMIN 2 DRIVE PINS OR  
2 - 1 1/4" x 1/4" TAPCONTOP FASTENER 1 1/2" BELOW  
TOP OF CONCRETE, NO  
NO FASTENING TO PAVERS

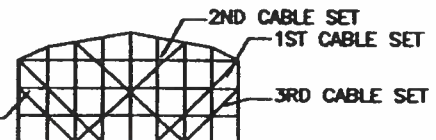
CONC. DECK

SIDE WALL--1/8" STAINLESS STEEL CABLE

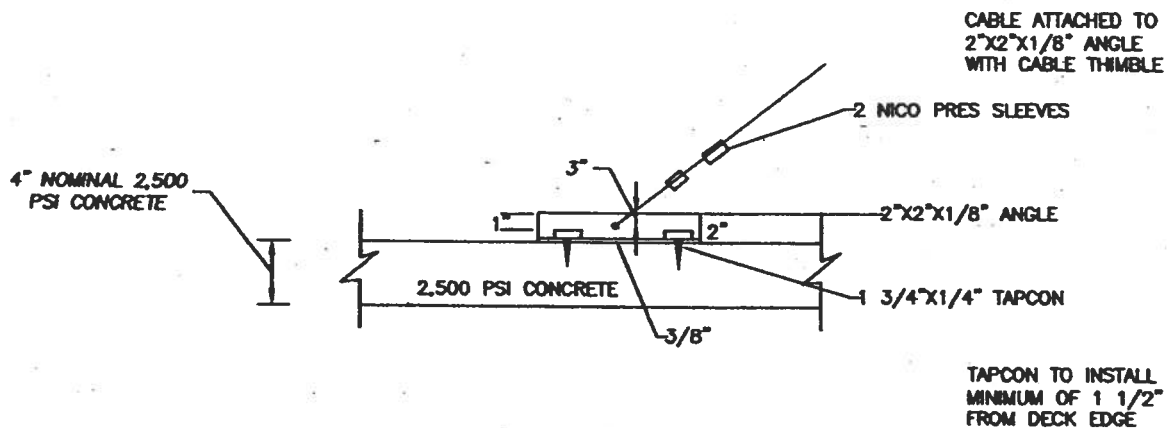
UP TO 200 SQ. FT. OF WALL: NO CABLE NEEDED

OVER 200 SQ. FT.: 1 CABLE PER EVERY 200 SQ. FT.

NOTE: ALL WALLS OVER 15" HIGH MUST HAVE 1/2 OR MORE OF THE CABLES AT THE TOP OF THE WALL ABOVE THE TOP CHAIR RAIL

TOP CHAIR RAIL WHEN  
PANEL EXCEED 56 S.F.SCREEN CABLE BRACING DIAGRAMHOMEOWNER MAINTENANCE RESPONSIBILITY:  
CABLE MUST REMAIN TIGHT AT ALL TIMES. CABLE SHOULD  
BE TIGHTENED PERIODICALLY TO REMOVE SLACK. TO AVOID  
DAMAGE CONTACT A QUALIFIED SERVICE COMPANY.CABLE SCHEDULE FOR SCREEN ENCLOSURE

APPLIES

CABLE BRACE MOUNTED ON TOP OF CONCRETE DECK

APPLIES

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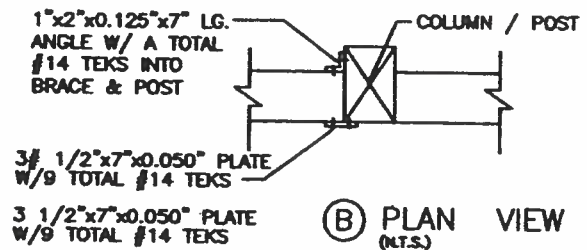
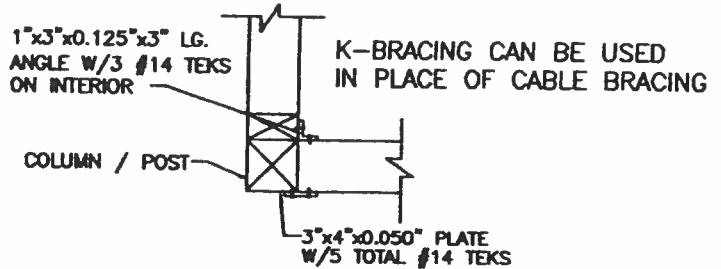
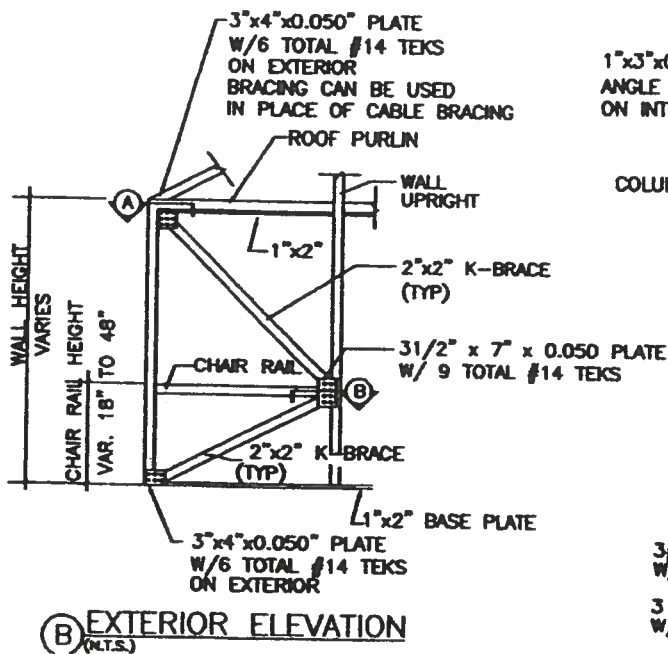
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## SECTION 1.2.2

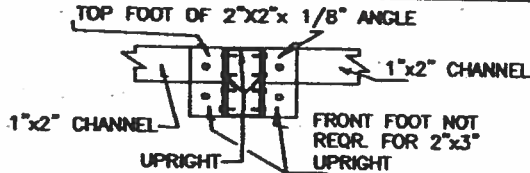
## DETAILS

## SCREEN ENCLOSURES

REVISIONS  
02/15/05

## K-BRACING DETAIL

APPLIES



## NOTE:

2" x 2" x 1/8" ANGLE IS ONLY REQUIRED ON LOAD BEARING WALLS

## PLAN VIEW (N.T.S.)

## NOTE:

USED WITH ALL SCREEN TYPES

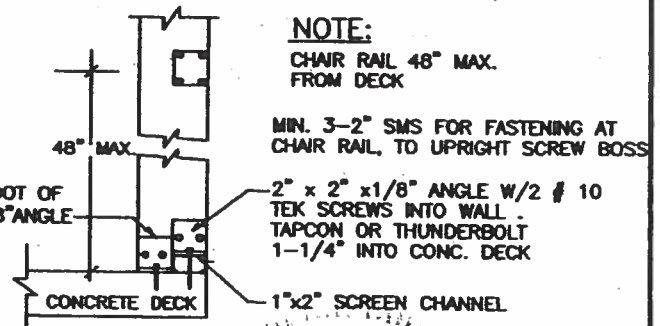
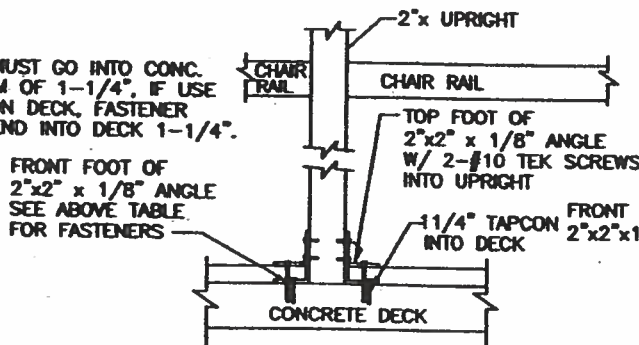
## NOTE:

2X2 ANGLE ONLY ON LOAD BEARING WALL

FRONT FOOT TABLE							
UPRIGHT SIZES	x4	x5	x6	x7	x8	x9	x10
1/4" TAPCON EACH SIDE	1	2	2	3	3	4	4
#10 TEK SCREWS EACH SIDE	2	4	4	6	6	8	8
HIGHLIGHT ONE							
SELECT LOADBEARING UPRIGHT SIZES							

## NOTE:

TAPCON MUST GO INTO CONC. A MINIMUM OF 1-1/4". IF USE PAVERS ON DECK, FASTENER WILL EXTEND INTO DECK 1-1/4".



## NOTE:

CHAIR RAIL 48" MAX. FROM DECK

MIN. 3-2" SMS FOR FASTENING AT CHAIR RAIL, TO UPRIGHT SCREW BOSS

## TYPICAL DECK PLATE &amp; POST CONNECTION

APPLIES

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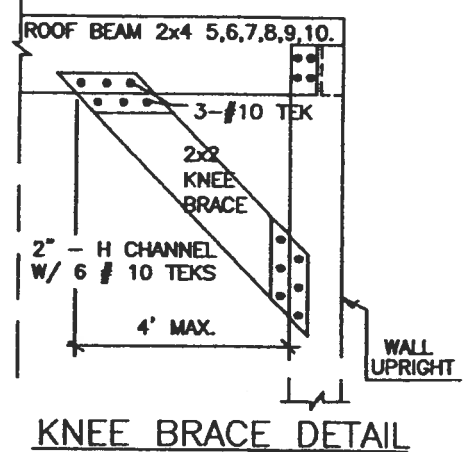
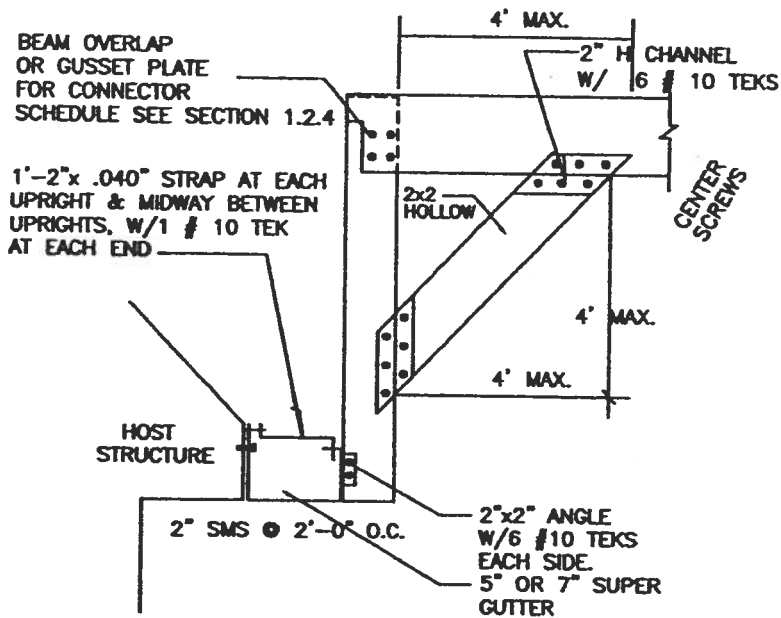
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## SECTION 1.2.3

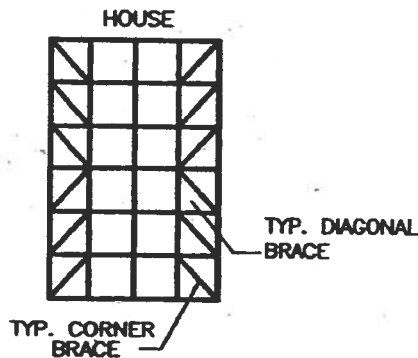
## DETAILS

## SCREEN ENCLOSURES

REVISIONS  
02/15/05

## STRUCTURAL GUTTER &amp; KNEE BRACE DETAIL

APPLIES



ROOF WIND BRACE, PURLIN & CHAIR RAIL SIZING					
ROOF BEAM	PURLIN	WIND BRACE		WALL UPRIGHT	CHAIR RAIL
2x7 OR LESS	2x2	2x2		2x7 OR LESS	2x2
2x8	2x3	2x3		2x8	2x3
2x9	2x3	2x3		2x9	2x3
2x10	2x4	2x4		2x10	2x4

**NOTE:** WIND BRACING SHALL NOT BE REQUIRED WHERE BEAMS AND PURLINS ARE Laterally supported by connection to host structure.

**NOTE:** WIND BRACING ATTACHMENT TO BE WITH GUSSET PLATE, H CHANNEL OR RECEIVING CHANNEL. NO TOE NAILING IS ALLOWED

## PLAN VIEW

(N.T.S.)

## ROOF WIND BRACING, PURLIN &amp; CHAIR RAIL DETAIL

APPLIES

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## BEAM SPAN AND UPRIGHT HEIGHT TABLES

SECTION

1.3.2.110 B

SPAN

TABLES

SCREEN ENCLOSURES

6063-T6 ALLOY

6061-T5 ALLOY

6061-T6 ALLOY

110MPH EXPOSURE B

ALUMINUM ALLOY : 6063-T6, 6061-T5, & 6061-T6 WIND ZONE: 110MPH EXPOSURE B

ALL ROOF STYLES

MAX. SPANS FOR ROOF BEAMS FOR SCREEN ROOF/POOL ENCLOSURES

UP TO 150 MPH WIND LOAD

ALL WIND SPEEDS PRESSURE 10 PSF

MAX. SPANS FOR WALL UPRIGHTS FOR SCREEN ROOF/POOL ENCLOSURES

ROOF BEAM SPANS

Interpolation between spans is permitted.

SPANS	ROOF SPACING (number of feet)					
	4'	5'	6'	7'	8'	9'
2 X 4 - 0 KNEES	16'0	14'10	14'0	13'3	12'9	12'3
2 X 4 - 1 KNEE	20'0	18'10	18'0	17'3	16'9	16'3
2 X 4 - 2 KNEES	24'0	22'10	22'0	21'3	20'9	20'3
2 X 5 - 0 KNEES	19'6	18'2	17'2	16'3	15'7	15'0
2 X 5 - 1 KNEE	23'6	22'2	21'2	20'3	19'7	19'0
2 X 5 - 2 KNEES	27'6	26'2	25'2	24'3	23'7	23'0
2 X 6 - 0 KNEES	23'2	21'6	20'4	19'4	18'2	17'0
2 X 6 - 1 KNEE	27'2	25'6	24'4	23'4	22'2	21'0
2 X 6 - 2 KNEES	31'2	29'6	28'4	27'4	26'2	25'0
2 X 7 - 0 KNEES	26'2	24'4	22'9	21'9	20'0	19'1
2 X 7 - 1 KNEE	30'2	28'4	26'9	25'9	24'0	23'1
2 X 7 - 2 KNEES	34'2	32'4	30'9	29'9	28'0	27'1
2 X 8 - 0 KNEES	32'6	30'4	28'7	27'2	25'10	24'3
2 X 8 - 1 KNEE	36'6	34'4	32'7	31'2	29'10	28'3
2 X 8 - 2 KNEES	40'6	38'4	36'7	35'2	33'10	32'3
2 X 9 - 0 KNEES	35'9	33'4	31'5	29'11	28'1	26'6
2 X 9 - 1 KNEE	39'9	37'4	35'5	33'11	32'1	30'6
2 X 9 - 2 KNEES	43'9	41'4	39'5	37'11	36'1	34'6
2 X 10 - 0 KNEES	44'4	41'4	39'1	37'3	35'8	34'4
2 X 10 - 1 KNEE	48'4	45'4	43'1	41'3	39'8	38'4
2 X 10 - 2 KNEES	52'4	49'4	47'1	45'3	43'8	42'4

WALL UPRIGHT HEIGHTS

Interpolation between spans is permitted.

HEIGHTS	UPRIGHT SPACING (number of feet)					
	4'	5'	6'	7'	8'	9'
2 X 4 - 0 KNEES	15'7	14'6	13'7	12'11	11'9	11'0
2 X 4 - 1 KNEE	19'7	18'6	17'7	16'11	15'9	15'0
2 X 5 - 0 KNEES	19'2	17'9	16'8	15'3	14'6	13'7
2 X 5 - 1 KNEE	23'2	21'9	20'8	19'3	18'6	17'7
2 X 6 - 0 KNEES	22'8	21'0	19'0	17'10	16'9	15'9
2 X 6 - 1 KNEE	26'8	25'0	23'0	31'10	20'9	19'9
2 X 7 - 0 KNEES	25'7	23'3	21'8	20'0	18'11	18'0
2 X 7 - 1 KNEE	29'7	27'3	25'8	24'0	22'11	22'0
2 X 8 - 0 KNEES	30'6	29'9	27'3	25'9	24'2	23'0
2 X 8 - 1 KNEE	34'6	33'9	31'3	29'9	28'2	27'0
2 X 9 - 0 KNEES	33'6	31'3	30'0	27'9	26'0	24'9
2 X 9 - 1 KNEE	37'6	35'3	34'0	31'9	30'0	28'9
2 X 10 - 0 KNEES	39'3	37'7	35'5	35'0	33'5	30'11
2 X 10 - 1 KNEE	43'3	41'7	39'5	39'0	37'5	34'11

NOTE 1: Roof spans using knee braces are figured for knee braces of 4ft on the horizontal. The difference in the knee brace length of less than or greater than 4ft on the horizontal will be deducted from or added to the the span.

NOTE 2: Wall spans using knee braces are figured for knee braces of 4ft on the vertical. The difference in the knee brace length of less than or greater than 4ft on the vertical will be deducted from or added to the span.

NOTE 3: Spans and heights using knee braces are used only for dome, flat, and no splice gable roof styles.

NOTE 4: When using spans or heights in bold bordered areas - site specific sealed engineering and layout drawings are required when enclosure is 40ft or greater in distance from host structure (regardless of which direction beams span) and wall upright height is 20ft or greater.

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1025 S. SEMORAN BLVD.

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FEB 15 2005

Gordon H. Shepardson

REVISD 02/15/05

Gordon H. Shepardson, P.E.

Florida P.E. 19333

Permit 24320

NOTICE OF COMMENCEMENT FORM  
COLUMBIA COUNTY, FLORIDA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 02-6S-17-09553-008 HX

1. Description of property: (legal description of the property and street address or 911 address)

Comm NE Cor of SW 1/4, Run S 210 ft 90c POB, Cont  
S 210 ft, W 363.45 ft, N 210 ft to CLK  
280 SE Rolling Hills Dr  
Lake City FL 32025

2. General description of improvement: Screened Pool enclosure

3. Owner Name & Address Kenneth & Martha Bishop 280 SE Rolling Hills  
Dr. Lake City FL 32025 Interest in Property Owner

4. Name & Address of Fee Simple Owner (if other than owner): N/A

5. Contractor Name Mike Delahoz Phone Number 386-754-8678  
Address 289 NW Corinth Dr Lake City FL 32025

6. Surety Holders Name N/A Phone Number \_\_\_\_\_  
Address \_\_\_\_\_

Amount of Bond N/A Inst: 2006009624 Date: 04/20/2006 Time: 11:08  
7. Lender Name N/A S.F. DC, P. DeWitt Cason, Columbia County B: 1081 P: 305  
Address \_\_\_\_\_

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name N/A Phone Number \_\_\_\_\_  
Address \_\_\_\_\_

9. In addition to himself/herself the owner designates Florida Pool Enclosures Inc of  
289 NW Corinth Dr Lake City to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -  
(a) 7. Phone Number of the designee 386-754-8678

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,  
(Unless a different date is specified) \_\_\_\_\_

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Kenneth Bishop  
Signature of Owner

Sworn to (or affirmed) and subscribed before  
day of April 11th, 2006

NOTARY STAMP  Nadean G.S. McIntosh  
Commission # DD371494  
Expires November 14, 2008  
Bonded Troy Fain - Insurance, Inc. 800-385-7019

Nadean G.S. McIntosh  
Signature of Notary